WHAT IS CLAIMED IS:

1. A host interface comprising:

a first interface that communicates first data defined by a first protocol with a first device;

a second interface that communicates second data defined by a second protocol with a second device; and

a controller that has a memory,

wherein the controller converts the first data to the second data defined by the second protocol when the first interface receives the first data from the first device, and transmits the second data to the second interface at a first certain timing,

the controller converts the second data to the first data defined by the first protocol when the second interface receives the second data from the second device, transmits the first data to the first interface at a second certain timing, and stores the first data in the memory, and

the controller transmits the first data stored in the memory to the first interface in response to a request from the first device unless the second interface receives subsequent second data from the second device.

2. A device interface comprising:

a first interface that communicates first data defined by a first protocol with a first device;

a second interface that communicates second data defined by a second protocol with a second device; and

a controller,

wherein the controller converts the first data to the second data defined by the second protocol when the first interface receives the first data from the first device, and transmits the second data to the second interface at a first certain timing, and

the controller converts the second data to the first data defined by the first protocol when the second interface receives the second data from the second device, and transmits the first data to the first interface at a second certain timing.

3. An interface system comprising:

a host interface having a first interface that communicates first data defined by a first protocol with a first device, a second interface that communicates second data defined by a second protocol, and a first controller that has a memory; and

a device interface having a third interface that communicates the first data defined by the first protocol with a second device, a fourth interface that communicates the second data defined by the second protocol, and a second controller,

wherein the second interface of the host interface is connected to the fourth interface of the device interface,

the first controller of the host interface converts the first data to the second data defined by the second

protocol when the first interface of the host interface receives the first data from the first device, and transmits the second data to the second interface of the host interface at a first certain timing,

the second controller of the device interface converts the second data to the first data defined by the first protocol when the fourth interface of the device interface receives the second data from the second interface of the host interface, and transmits the first data to the third interface of the device interface at a second certain timing,

the second controller of the device interface converts the first data to the second data defined by the second protocol when the third interface of the device interface receives the first data from the second device, and transmits the second data to the fourth interface of the device interface at a third certain timing,

the first controller of the host interface converts the second data to the first data defined by the first protocol when the second interface of the host interface receives the second data from the fourth interface of the device interface, transmits the first data to the first interface of the host interface at a fourth certain timing, and stores the first data in the memory, and

the first controller of the host interface transmits the first data stored in the memory to the first interface in response to a request from the first device unless the second interface of the host interface receives subsequent second

data from the fourth interface of the device interface.

4. A computer program product for controlling a host
interface, which has a first interface that communicates first
data defined by a first protocol with a first device, a second
interface that communicates second data defined by a second
protocol with a second device, and a memory, the computer
program product comprising:

a first function for converting the first data to the
second data defined by the second protocol when the first
interface receives the first data from the first device, and
transmitting the second data to the second interface at a
first certain timing;

a second function for converting the second data to
the first data defined by the first protocol when the second
interface receives the second data from the second device,
transmitting the first data to the first interface at a second
certain timing, and storing the first data in the memory; and

a third function for transmitting the first data
stored in the memory to the first interface in response to a
request from the first device unless the second interface
receives subsequent second data from the second device.

5. A computer program product for controlling a
device interface, which has a first interface that
communicates first data defined by a first protocol with a
first device, and a second interface that communicates second

data defined by a second protocol with a second device, the computer program product comprising:

a first function for converting the first data to the second data defined by the second protocol when the first interface receives the first data from the first device, and transmitting the second data to the second interface at a first certain timing; and

a second function for converting the second data to the first data defined by the first protocol when the second interface receives the second data from the second device, and transmitting the first data to the first interface at a second certain timing.

6. An interface system comprising:

a host interface that communicates first data defined by a first protocol with a first device; and

a device interface that communicates the first data defined by the first protocol with a second device,

wherein the host interface converts the first data to second data defined by a second protocol when the host interface receives the first data from the first device, and transmits the second data to the device interface,

the device interface converts the second data to the first data defined by the first protocol when the device interface receives the second data from the host interface, and transmits the first data to the second device,

the device interface converts the first data to the

second data defined by the second protocol when the device interface receives the first data from the second device, and transmits the second data to the host interface, and

the host interface converts the second data to the first data defined by the first protocol when the host interface receives the second data from the device interface, and transmits the first data to the first device.

7. The host interface according to claim 1, wherein the first protocol is one of an ATA and an ATAPI, and the second protocol is different from the ATA and the ATAPI.

8. The host interface according to claim 1, wherein the first device is a host device, and the second device is different from the host device.

9. The interface system according to claim 6, wherein the host interface and the device interface are provided in a vehicle.